10563975

NEWS IPC8   For general information regarding STN implementation of IPC 8
NEWS X25   X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:50:09 ON 21 FEB 2007

=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                               ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

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STRUCTURE FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6
DICTIONARY FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6

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  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
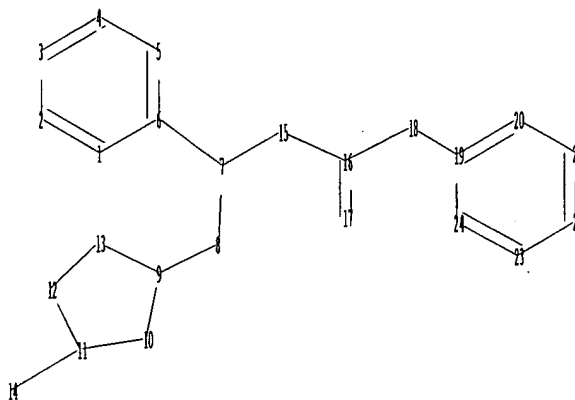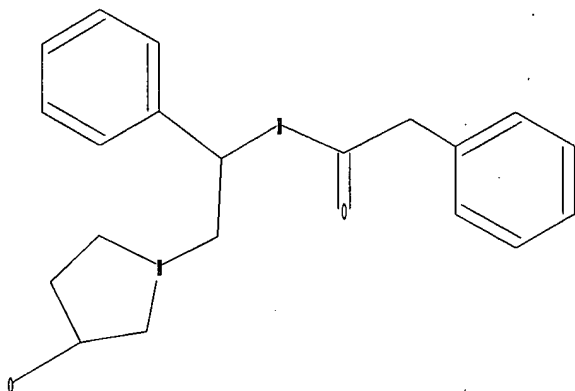on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10563975.str

Karen Cheng

broadest search

chain nodes :
7 8 14 15 16 17 18
ring nodes :
1 2 3 4 5 6 9 10 11 12 13 19 20 21 22 23 24
chain bonds :
6-7 7-8 7-15 8-9 11-14 15-16 16-17 16-18 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-13 10-11 11-12 12-13 19-20 19-24 20-21
21-22 22-23 23-24
exact/norm bonds :
7-15 8-9 9-10 9-13 11-14 15-16 16-17
exact bonds :
6-7 7-8 10-11 11-12 12-13 16-18 18-19
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24
isolated ring systems :
containing 1 : 9 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom

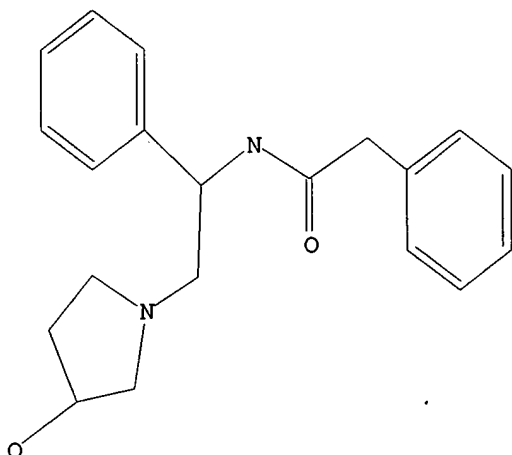L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

Karen Cheng

10563975

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 09:50:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1304 TO ITERATE

100.0% PROCESSED   1304 ITERATIONS   359 ANSWERS
SEARCH TIME: 00.00.01

L2   359 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   172.10   172.31

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FILE LAST UPDATED: 19 Feb 2007   (20070219/ED)

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They are available for your review at:

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10563975

http://www.cas.org/infopolicy.html

=> s l2
L3   83 L2

=> fil stng
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   0.47   172.78

FILE 'STNGUIDE' ENTERED AT 09:50:53 ON 21 FEB 2007
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FILE CONTAINS CURRENT INFORMATION.
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=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   0.18   172.96

FILE 'REGISTRY' ENTERED AT 09:52:44 ON 21 FEB 2007
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DICTIONARY FILE UPDATES: 19 FEB 2007   HIGHEST RN 921921-74-6

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   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
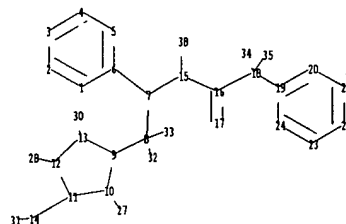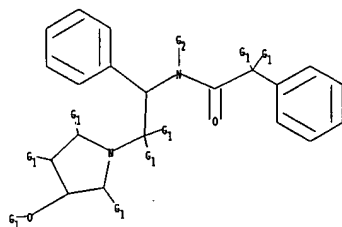on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10563975a.str...

Karen Cheng

limit H substituents to H's Me

chain nodes :
7   8   14   15   16   17   18   27   28   30   31   32   33   34   35   38
ring nodes :
1   2   3   4   5   6   9   10   11   12   13   19   20   21   22   23   24
chain bonds :
6-7   7-8   7-15   8-9   8-32   8-33   10-27   11-14   12-28   13-30   14-31   15-16   15-38
16-17   16-18   18-19   18-34   18-35
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   9-10   9-13   10-11   11-12   12-13   19-20   19-24   20-21
21-22   22-23   23-24
exact/norm bonds :
7-15   8-9   8-32   8-33   9-10   9-13   10-27   11-14   12-28   13-30   14-31   15-16   15-38
16-17   18-34   18-35
exact bonds :
6-7   7-8   10-11   11-12   12-13   16-18   18-19
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   19-20   19-24   20-21   21-22   22-23   23-24
isolated ring systems :
containing 1 : 9 :

G1:H,CH3

G2:H,Ak

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:Atom   10:Atom
11:Atom   12:Atom   13:Atom   14:CLASS   15:CLASS   16:CLASS   17:CLASS   18:CLASS
19:Atom   20:Atom   21:Atom   22:Atom   23:Atom   24:Atom   27:CLASS   28:CLASS   30:CLASS ...
31:CLASS   32:CLASS   33:CLASS   34:CLASS   35:CLASS   38:CLASS

L4   STRUCTURE UPLOADED

Karen Cheng

10563975

```
=> d his

     (FILE 'HOME' ENTERED AT 09:50:09 ON 21 FEB 2007)

     FILE 'REGISTRY' ENTERED AT 09:50:16 ON 21 FEB 2007
L1           .     STRUCTURE UPLOADED
L2           359 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 09:50:48 ON 21 FEB 2007
L3            83 S L2

     FILE 'STNGUIDE' ENTERED AT 09:50:53 ON 21 FEB 2007

     FILE 'REGISTRY' ENTERED AT 09:52:44 ON 21 FEB 2007
L4                 STRUCTURE UPLOADED

=> s l4 full sub=l2
FULL SUBSET SEARCH INITIATED 09:53:26 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      359 TO ITERATE

100.0% PROCESSED       359 ITERATIONS                      253 ANSWERS
SEARCH TIME: 00.00.01

L5           253 SEA SUB=L2 SSS FUL L4

=> fil caplus
COST IN U.S. DOLLARS                           SINCE FILE      TOTAL
                                                 ENTRY        SESSION
FULL ESTIMATED COST                              41.10        214.06

FILE 'CAPLUS' ENTERED AT 09:53:35 ON 21 FEB 2007   .
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```

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FILE LAST UPDATED: 19 Feb 2007   (20070219/ED)
```

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```
=> s l5
L6           78 L5

=> fil stng
```

Karen Cheng

10563975

COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                           ENTRY   SESSION
FULL ESTIMATED COST   0.47   214.53

FILE 'STNGUIDE' ENTERED AT 09:53:41 ON 21 FEB 2007
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FILE CONTAINS CURRENT INFORMATION.
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=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                           ENTRY   SESSION
FULL ESTIMATED COST   0.42   214.95

FILE 'REGISTRY' ENTERED AT 09:57:36 ON 21 FEB 2007
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DICTIONARY FILE UPDATES: 19 FEB 2007   HIGHEST RN 921921-74-6

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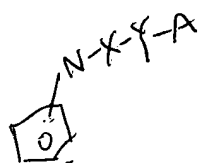   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10563975b.str

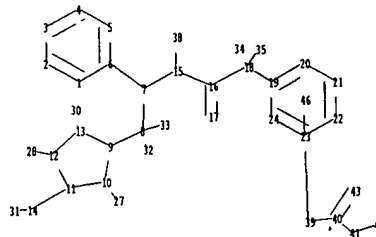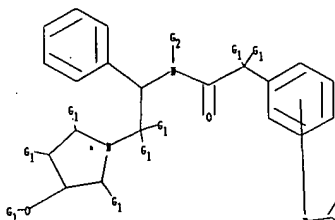Karen Cheng

add -N substituent off benzene ring.

~N-X-Y-A

X = CO or CS

Y = O, NH, CH2

A = Cy

Cy = ring systems.

chain nodes :
7   8   14   15   16   17   18   27   28   30   31   32   33   34   35   38   39   40   41   42   43
ring nodes :
1   2   3   4   5   6   9   10   11   12   13   19   20   21   22   23   24
chain bonds :
6-7   7-8   7-15   8-9   8-32   8-33   10-27   11-14   12-28   13-30   14-31   15-16   15-38
16-17   16-18   18-19   18-34   18-35   39-40   40-41   40-43   41-42
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   9-10   9-13   10-11   11-12   12-13   19-20   19-24   20-21
21-22   22-23   23-24
exact/norm bonds :
7-15   8-9   8-32   8-33   9-10   9-13   10-27   11-14   12-28   13-30   14-31   15-16   15-38
16-17   18-34   18-35   39-40   40-41   40-43   41-42
exact bonds :
6-7   7-8   10-11   11-12   12-13   16-18   18-19
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   19-20   19-24   20-21   21-22   22-23   23-24
isolated ring systems :
containing 1 : 9 :

G1:H,CH3

G2:H,Ak

G3:C,O,N

G4:O,S

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:Atom   10:Atom
11:Atom   12:Atom   13:Atom   14:CLASS   15:CLASS   16:CLASS   17:CLASS   18:CLASS
19:Atom   20:Atom   21:Atom   22:Atom   23:Atom   24:Atom   27:CLASS   28:CLASS   30:CLASS
31:CLASS   32:CLASS   33:CLASS   34:CLASS   35:CLASS   38:CLASS   39:CLASS   40:CLASS
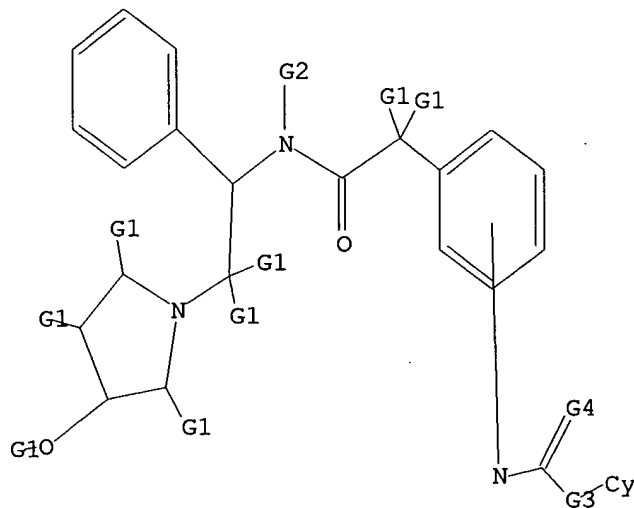41:CLASS   42:Atom   43:CLASS   46:Atom

Karen Cheng

L7   STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7   STR

G1 H,Me

G2 H,Ak

G3 C,O,N

G4 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l7 full
FULL SEARCH INITIATED 09:58:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED –   793 TO ITERATE

100.0% PROCESSED   793 ITERATIONS   12 ANSWERS
SEARCH TIME: 00.00.01

L8   12 SEA SSS FUL L7

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                          ENTRY   SESSION
FULL ESTIMATED COST .   172.10   .   387.05

FILE 'CAPLUS' ENTERED AT 09:58:09 ON 21 FEB 2007
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=> s l8
L9   1 L8

=> d ibib abs hitstr tot

Karen Cheng

10563975

=> fil reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                     ENTRY   SESSION
FULL ESTIMATED COST   5.74   570.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                     ENTRY   SESSION
CA SUBSCRIBER PRICE   -0.78   -1.56

FILE 'REGISTRY' ENTERED AT 10:00:20 ON 21 FEB 2007
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DICTIONARY FILE UPDATES: 19 FEB 2007   HIGHEST RN 921921-74-6

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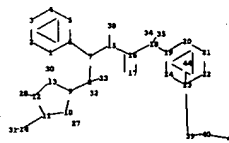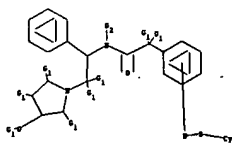TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10563975d.str

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10563975

chain nodes :
7 8 14 15 16 17 18 27 28 30 31 32 33 34 35 38 39 40 41
ring nodes :
1 2 3 4 5 6 9 10 11 12 13 19 20 21 22 23 24
chain bonds :
6-7 7-8 7-15 8-9 8-32 8-33 10-27 11-14 12-28 13-30 14-31 15-16 15-38
16-17 16-18 18-19 18-34 18-35 39-40 40-41
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-13 10-11 11-12 12-13 19-20 19-24 20-21
21-22 22-23 23-24
exact/norm bonds :
7-15 8-9 8-32 8-33 9-10 9-13 10-27 11-14 12-28 13-30 14-31 15-16 15-38
16-17 18-34 18-35 39-40 40-41
exact bonds :
6-7 7-8 10-11 11-12 12-13 16-18 18-19
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24
isolated ring systems :
containing 1 : 9 :

G1:H,CH3

G2:H,Ak

G3:C,O,N

G4:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 27:CLASS 28:CLASS 30:CLASS
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 38:CLASS 39:CLASS 40:CLASS
41:Atom 44:Atom

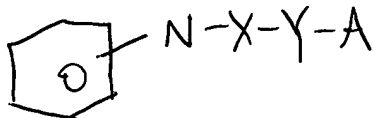L13   STRUCTURE UPLOADED

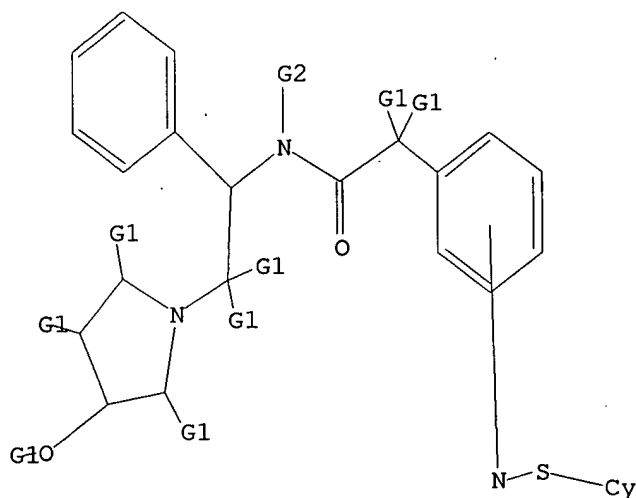=> d
L13 HAS NO ANSWERS
L13   STR

Karen Cheng

G2

G1 G1

G1

G1

G1

G1

G1

G1

G4O

N—S—Cy

N—X—Y—A

X = SO₂

Y = single bond

A = Cy = ring systems

G1 H,Me

G2 H,Ak

G3 C,O,N

G4 O,S

Structure attributes must be viewed using STN Express query preparation.

```
=> d his

      (FILE 'HOME' ENTERED AT 09:50:09 ON 21 FEB 2007)

      FILE 'REGISTRY' ENTERED AT 09:50:16 ON 21 FEB 2007
L1              STRUCTURE UPLOADED
L2          359 S L1 FULL

      FILE 'CAPLUS' ENTERED AT 09:50:48 ON 21 FEB 2007
L3           83 S L2

      FILE 'STNGUIDE' ENTERED AT 09:50:53 ON 21 FEB 2007

      FILE 'REGISTRY' ENTERED AT 09:52:44 ON 21 FEB 2007
L4              STRUCTURE UPLOADED
L5          253 S L4 FULL    SUB=L2

      FILE 'CAPLUS' ENTERED AT 09:53:35 ON 21 FEB 2007
L6           78 S L5

      FILE 'STNGUIDE' ENTERED AT 09:53:41 ON 21 FEB 2007

      FILE 'REGISTRY' ENTERED AT 09:57:36 ON 21 FEB 2007
L7              STRUCTURE UPLOADED
L8           12 S L7 FULL
```

Karen Cheng

10563975

      FILE 'CAPLUS' ENTERED AT 09:58:09 ON 21 FEB 2007
L9   1 S L8

      FILE 'STNGUIDE' ENTERED AT 09:58:38 ON 21 FEB 2007

      FILE 'REGISTRY' ENTERED AT 09:59:29 ON 21 FEB 2007
L10   STRUCTURE UPLOADED
L11   4 S L10 FULL

      FILE 'CAPLUS' ENTERED AT 10:00:04 ON 21 FEB 2007
L12   1 S L11

      FILE 'REGISTRY' ENTERED AT 10:00:20 ON 21 FEB 2007
L13   STRUCTURE UPLOADED

=> s 113 full sub=l5
FULL SUBSET SEARCH INITIATED 10:01:38 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   76 TO ITERATE

100.0% PROCESSED   76 ITERATIONS   25 ANSWERS
SEARCH TIME: 00.00.01

L14   25 SEA SUB=L5 SSS FUL L13

=> fil caplus
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   41.55   612.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                              ENTRY   SESSION
CA SUBSCRIBER PRICE   0.00   -1.56

FILE 'CAPLUS' ENTERED AT 10:01:43 ON 21 FEB 2007
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```
=> s 114
L15              1 L14

=> d ibib abs hitstr tot
```

Karen Cheng